

APCD/AQMD RULE EVALUATION FORM -- Page 1
(Electronic Format)**I. GENERAL INFORMATION**District: Placer County Air Pollution Control DistrictRule No(s): 243 Date adopted/Amended/Rescinded: April 10, 2003Rule Title(s): Polyester Resin OperationsDate Submitted to ARB: July 27, 2010If an Amended Rule, Date Last Amended (or Adopted): NAIs the Rule Intended to be Sent to the U.S. EPA as a SIP Revision? ☒ Yes ☐ No (If No, do not complete remainder of form)District Contact: John Finnell Phone Number: (530) 745-2324 E-mail Address: jfinnell@placer.ca.govNarrative Summary of New Rule or Rule Changes: ☒ New Rule ☐ Amended Rule

Rule 243 applies to any person in Placer County who (a) manufactures, sells offers for sale or supplies polyester resins for use in the District, or (b) uses polyester resins. Touchup and repair activities and low quantity users of polyester resins (less than 20 gallons per month) are exempt from the rule.

The rule identifies the allowable spray application equipment.The rule requires stationary sources to meet at least one of the following:

1. Low VOC polyester resin materials. Resins (except for specialty resins and gel coats) are not to exceed 35% by weight, as applied. Pigmented gel coats are not to exceed 45% by weight, as applied. Specialty resins and clear gel coats are not to exceed monomer content of 50% by weight, as applied or,
2. Vapor Suppressant. Use polyester resin material containing a vapor suppressant which limits weight loss from VOC emissions to no more than 60 grams per square meter or,
3. Closed Mold. Use a closed mold system or,
4. Installation of an emission control system with an overall control efficiency of 85% or greater.

Pollutant(s) Regulated by the Rule (Check): ☒ ROG ☐ (NOx) ☐ SO2
☐ (CO) ☐ PM ☐ TAC (name): _____**II. EFFECT ON EMISSIONS**

Complete this section ONLY for rules that, when implemented, will result in quantifiable changes in emissions. Attach reference(s) for emission factor(s) and other information. Attach calculation sheet showing how the emission information provided below was determined.

Net Effect on Emissions: ☐ Increase ☒ Decrease ☐ N/AEmission Reduction Commitment in SIP for this Source Category: 0.1 ton per dayInventory Year Used to Calculate Changes in Emissions: 2005 Area Affected: All areas of Placer County:
Sacramento Valley, Mountain Counties, Lake TahoeFuture Year Control Profile Estimate (Provide information on as many years as possible):
NA

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Baseline Inventory in the SIP for the Control Measure: 1990Emissions Reduction Commitment in the SIP for the Control Measure: 0.1 ton per dayRevised Baseline Inventory (if any): NARevised Emission Reduction Estimate (if developed): NA*Note that the district's input to the Rule Evaluation Form will not be used as input to the ARB's emission forecasting and planning.***III. SOURCES/ATTAINMENT STATUS**District is: ☐ Attainment ☐ Nonattainment ☒ SplitApproximate Total Number of Small (<100 TPY) Sources Affected by this Amendment: 2Percent in Nonattainment Area: 100%Number of Large (\geq 100 TPY) Sources Controlled: 0 Percent in Nonattainment Area: NA%Name(s) and Location(s) (city and county) of Large (\geq 100 TPY) Sources Controlled by Rule (Attach additional sheets as necessary): NA**IV. EMISSION REDUCTION TECHNOLOGY**Does the Rule Include Emission Limits that are Continuous? ☒ Yes ☐ NoIf Yes, Those Limits are in Section(s) Section 300, Standards, Subsection 302.1 of the Rule.Other Methods in the Rule for Achieving Emission Reductions are: Section 300, Standards, Section 301, Spray Application Requirements; Subsection 302.2 Vapor Suppressant and Subsection 302.3 Closed Mold; Section 304, Cleaning Material Requirement**V. OTHER REQUIREMENTS**

The Rule Contains:

Emission Limits in Section(s): Section 300, Standards, Subsection 302.1 Work Practice Standards in Section(s): Section 305 Storage and Disposal RequirementsRecordkeeping Requirements in Section(s): Section 501 Recordkeeping Reporting Requirements in Section(s): Section 502, Record Retention

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VI. IMPACT ON AIR QUALITY PLAN

☐ No Impact ☐ Impacts RFP ☒ Impacts attainment

Discussion: The rule was included as a VOC control measure in the Sacramento Area Regional Ozone Attainment Plan, which was adopted by the District Board on December 20, 1994. VOC emissions are precursors to the photochemical formation of Ozone. The Attainment Plan was adopted in response to the 1990 Amendments to the Federal Clean Air Act (CAA), which required areas designated "serious" for Ozone by the United States Environmental Protection Agency (USEPA), to submit a State Implementation Plan (SIP) revision.